200209141-1 Lee et al. "Dynamic Load Balancing Resource Allocation"

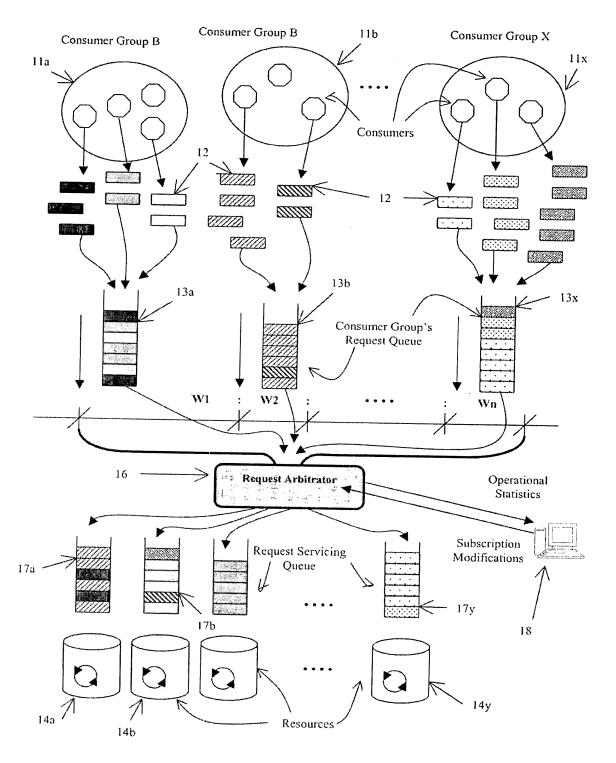


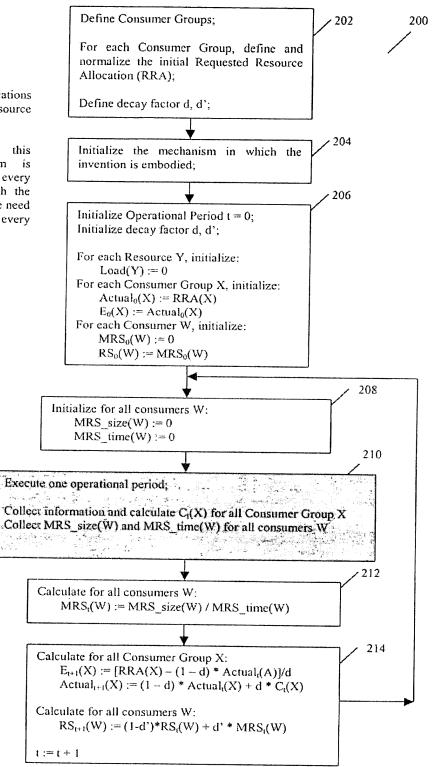
Fig. 1 <u>10</u>



Notes:

The main loop is for applications without consumer to resource bindings.

It is assumed that in this application the algorithm is extended to calculate RS in every operational period; although the algorithm does not otherwise need to calculate RS in every operational period.



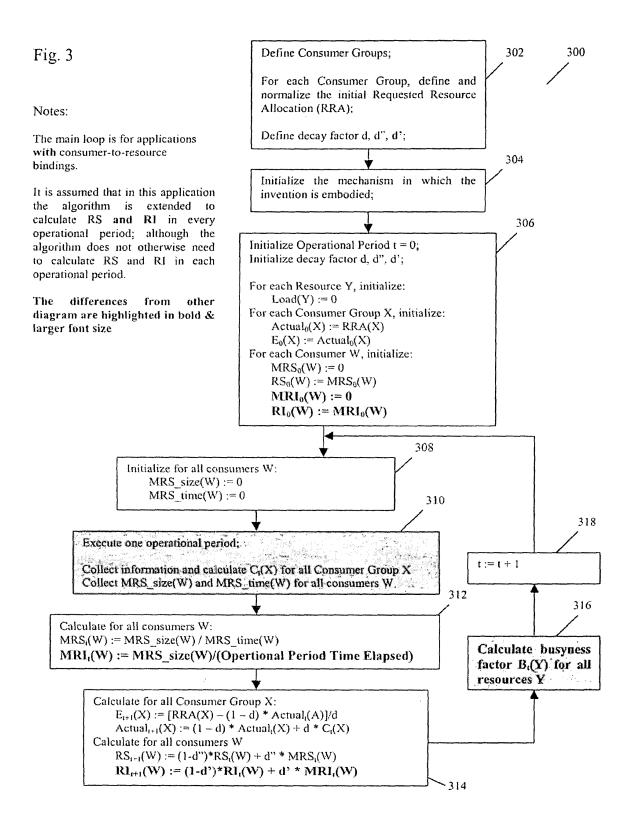
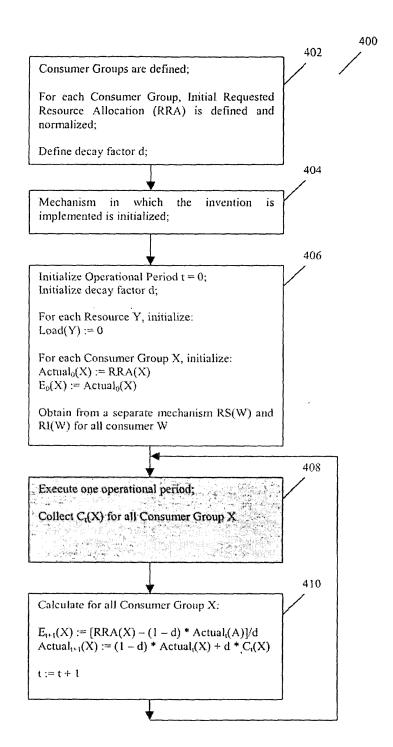
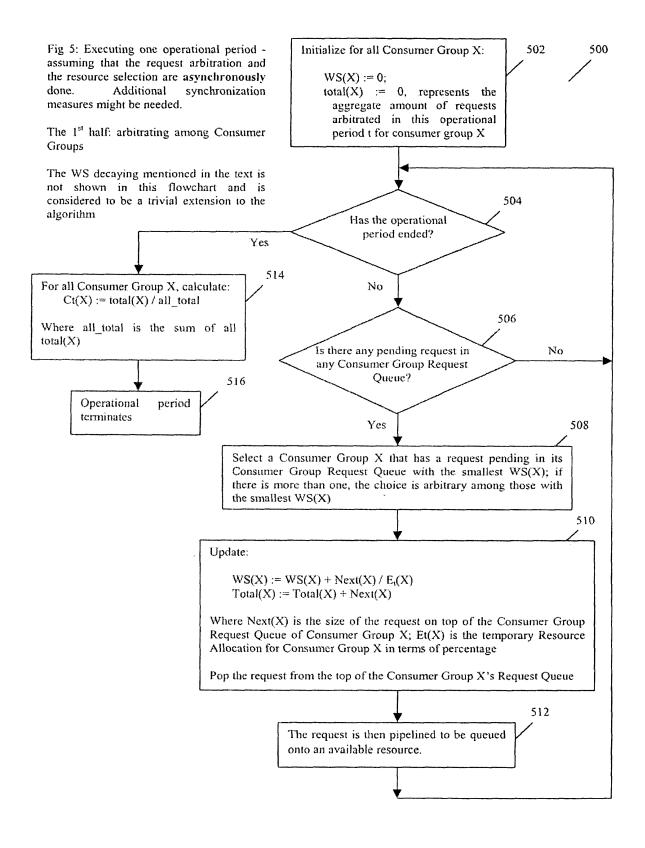


Fig 4: The main loop for applications relying on separate mechanism to find RIs and RSs

There is no need to collect MRSs or MRIs, and there is no need to calculate RSs and RIs





600

Fig 6: Executing one operational period – assuming that the request arbitration and the resource selection are asynchronously done, assuming that there is no consumer to resource binding. Additional synchronization measures might be needed.

